

**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Smokable Rod for a Cigarette, the specification of which:

- ☐ is attached hereto.  
☒ was filed on September 30, 2003, as Application Serial No. 10/675,577.  
☐ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

☐ Yes ☐ No

| (Number)  | (Country) | (Day/Month/Year Filed) |
|---|-----------|------------------------|
| I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below: |           |                        |

| (Application Serial No.)  | (Filing Date) |
|---|---------------|
| I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application: |               |

| (Application Serial No.)  | (Filing Date) | (Status-patented, pending, abandoned) |
|---|---------------|---------------------------------------|
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. |               |                                       |

Inventor's Signature

Full name of sole or first inventor

Residence

Citizenship

Post Office Address

August Joseph Borschke Date: 11/9/04  
August Joseph Borschke  
Winston-Salem, North Carolina  
USA  
1115 Edgebrook Drive, Winston-Salem, North Carolina 27106

BRINKS HOFER GILSON & LIONE

P.O. Box 10395  
 Chicago, IL 60610  
 (312) 321-4200

Inventor's Signature  
Full name of second joint inventor, if any  
Residence  
Citizenship  
Post Office Address

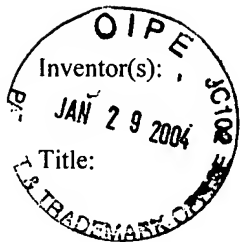
*Dwayne William Beeson* Date: 1/9/04  
Dwayne William Beeson  
Kernersville, North Carolina  
USA  
1570 Greenview Drive, Kernersville, North Carolina 27284

Inventor's Signature  
Full name of third joint inventor  
Residence  
Citizenship  
Post Office Address

*Sharon Pitts Dunlap* Date: 1/12/04  
Sharon Pitts Dunlap  
Walnut Cove, North Carolina  
USA  
7808 West Road, Walnut Cove, North Carolina 27052

Inventor's Signature  
Full name of fourth joint inventor  
Residence  
Citizenship  
Post Office Address

*Thomas Albert Perfetti* Date: 1/14/04  
Thomas Albert Perfetti  
Winston-Salem, North Carolina  
USA  
2116 New Castle Drive, Winston-Salem, North Carolina 27103



Inventor(s):

August Joseph Borschke, Dwayne William Beeson, Sharon Pitts Dunlap,Thomas Albert Perfetti

Title:

Smokable Rod for a Cigarette**POWER OF ATTORNEY**

The specification of the above-identified patent application:



is attached hereto

was filed on September 30, 2003, as application Serial No. 10/675,577

I hereby revoke all previously granted powers of attorney in the above-identified patent application and appoint the following attorneys to prosecute said patent application and to transact all business in the Patent and Trademark Office connected therewith:

Marc V. Richards, Reg. No. 37,921  
 August J. Borschke, Reg. No. 30,539  
 Amanda M. Church, Reg. No. 52,469

Please address all correspondence and telephone calls to Marc V. Richards in care of:

Brinks Hofer Gilson & Lione  
 P.O. Box 10395  
 Chicago, IL 60610  
 (312)321-4200

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from August J. Borschke as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

R.J. Reynolds Tobacco Company, a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:



An assignment from the inventor(s) of the patent application identified above, a copy of which is attached hereto.  
 OR



An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, frame \_\_\_\_\_.  
 OR



A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, frame \_\_\_\_\_, or a copy thereof is attached.
2. From \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, frame \_\_\_\_\_, or a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned has reviewed the assignment or all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature

Date:

1/15/04

Name:

David E. Townsend

Title:

Executive Vice President, R&D

ASSIGNMENT

WHEREAS, August Joseph Borschke, Dwayne William Beeson, Sharon Pitts Dunlap and Thomas Albert Perfetti, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled Smokable Rod for a Cigarette, for a full description of which reference is here made to an application for Letters Patent of the United States filed on September 30, 2003, and assigned Application Serial No. 10/675,577;

WHEREAS, R.J. Reynolds Tobacco Company, a corporation organized and existing under the laws of the State of New Jersey, having a place of business at 950 Reynolds Boulevard, Winston-Salem, North Carolina 27102, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals, reissues and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the

Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

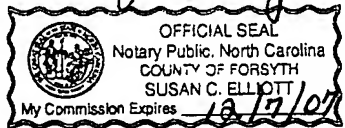
IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

|        |                |   |
|--------|----------------|---|
| DATED: | <u>1/9/04</u>  | <u>August Joseph Borschke</u><br>August Joseph Borschke |
| DATED: | <u>1/9/04</u>  | <u>Dwayne William Beeson</u><br>Dwayne William Beeson   |
| DATED: | <u>1/12/04</u> | <u>Sharon Pitts Dunlap</u><br>Sharon Pitts Dunlap       |
| DATED: | <u>1/14/04</u> | <u>Thomas Albert Perfetti</u><br>Thomas Albert Perfetti |

STATE OF North Carolina )  
 ) ss.  
 COUNTY OF Forsyth )

I, Susan C. ELLIOTT, A Notary Public in and for the County and State aforesaid, do hereby certify that August Joseph Borschke, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 9th day of January, 2004.



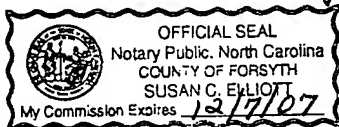
Susan C. Elliott  
 Notary Public

My Commission Expires: December 7, 2007

STATE OF North Carolina )  
 ) ss.  
 COUNTY OF Forsyth )

I, Susan C. ELLIOTT, A Notary Public in and for the County and State aforesaid, do hereby certify that Dwayne William Beeson, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 9th day of January, 2004.



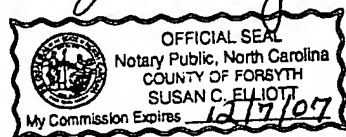
Susan C. Elliott  
 Notary Public

My Commission Expires: December 7, 2007

STATE OF North Carolina )  
 ) ss.  
 COUNTY OF Forsyth )

I, Susan C. ELLIOTT, A Notary Public in and for the County and State aforesaid, do hereby certify that Sharon Pitts Dunlap, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 12<sup>th</sup> day of January, 2004.



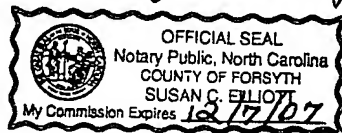
Susan C. Elliott  
 Notary Public

My Commission Expires: December 7, 2007

STATE OF North Carolina )  
 ) ss.  
 COUNTY OF Forsyth )

I, Susan C. ELLIOTT, A Notary Public in and for the County and State aforesaid, do hereby certify that Thomas Albert Perfetti, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 14<sup>th</sup> day of January, 2004.



Susan C. Elliott  
 Notary Public

My Commission Expires: December 7, 2007